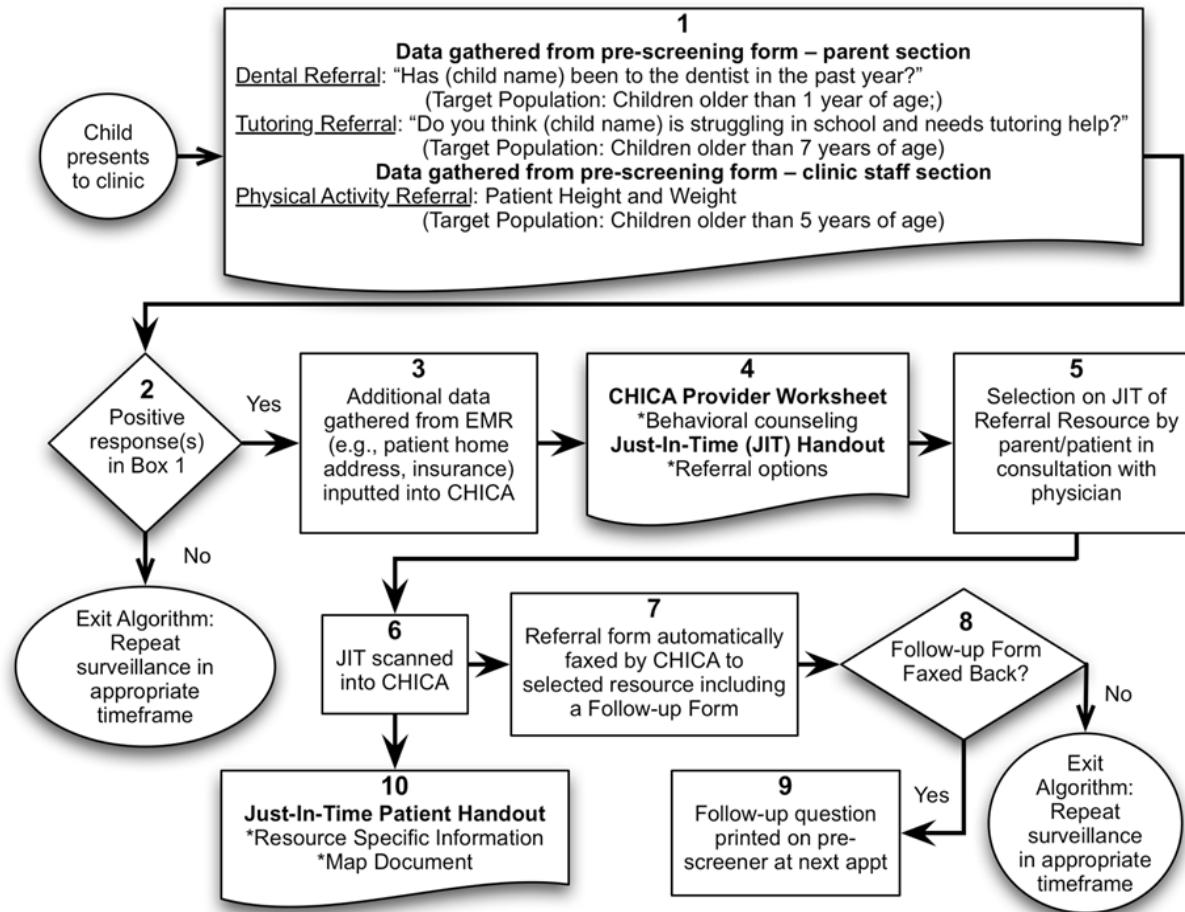


Getting Off Obesity Island

How Informationists Can Enhance Clinical Decision Support

Jere Odell¹, Rick Ralston², Elizabeth Whipple²

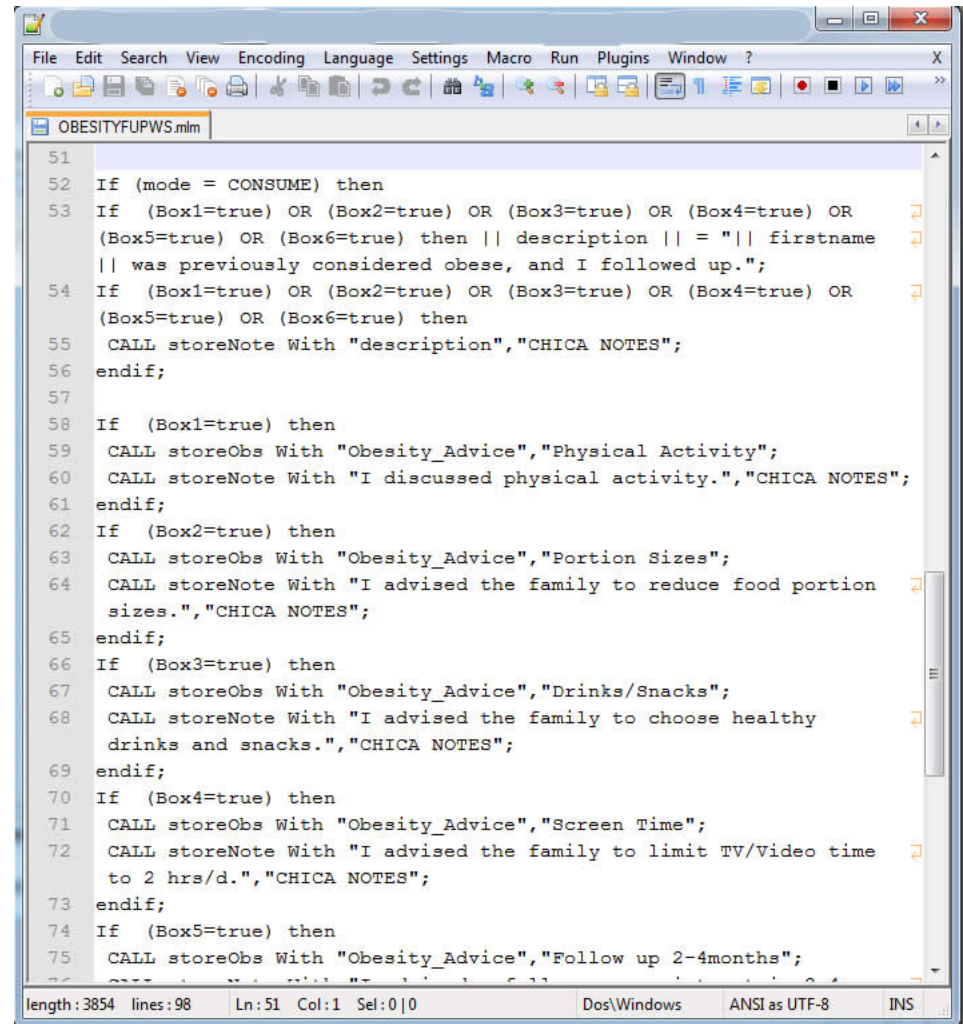
¹IUPUI University Library, ²Indiana University School of Medicine



CHICA (Child Health Improvement through Computer Automation): A pediatric computer-based decision support system (CDSS) used in four pediatric clinics in central Indiana. - NIH 1R01LM010923, Gilbert C. Liu, PI. "Delivering Geospatial Intelligence to Health Care Professionals."

CHICA MLM Arden Rule Library

Name	Type
smoking study	File folder
tuberculosis	File folder
TV	File folder
vision	File folder
AnnualHearingTestPSF.mlm	MLM File
ATRISKOWFUPWS.mlm	MLM File
ATRISKOWPWS.mlm	MLM File
ATRISKOWPWS_new.mlm	MLM File
BP_AvgLastThreeHigh.mlm	MLM File
createGrowthCharts.mlm	MLM File
CreateImmunizationSummary.mlm	MLM File
DDST_PWS.mlm	MLM File
earlycowmilk.mlm	MLM File
EarlySolidsPWS.mlm	MLM File
FamHxDeafPSF.mlm	MLM File
FamilyBabyPWS.mlm	MLM File
GrowthChartLit.mlm	MLM File
LateCowMilkPWS.mlm	MLM File
LateSolidsPWS.mlm	MLM File
lbw.mlm	MLM File
MomHelp.mlm	MLM File
NBScreenFUPWS.mlm	MLM File
OBEITYFUPWS.mlm	MLM File
OBEITYPWS.mlm	MLM File
OBEITYPWS_new.mlm	MLM File
PhysicalEvaluation.mlm	MLM File
PhysicianNote.mlm	MLM File
PrematurePSF.mlm	MLM File



```
51
52 If (mode = CONSUME) then
53   If (Box1=true) OR (Box2=true) OR (Box3=true) OR (Box4=true) OR
      (Box5=true) OR (Box6=true) then || description || = "|| firstname
      || was previously considered obese, and I followed up.";
54   If (Box1=true) OR (Box2=true) OR (Box3=true) OR (Box4=true) OR
      (Box5=true) OR (Box6=true) then
55     CALL storeNote With "description", "CHICA NOTES";
56   endif;
57
58   If (Box1=true) then
59     CALL storeObs With "Obesity_Advice", "Physical Activity";
60     CALL storeNote With "I discussed physical activity.", "CHICA NOTES";
61   endif;
62   If (Box2=true) then
63     CALL storeObs With "Obesity_Advice", "Portion Sizes";
64     CALL storeNote With "I advised the family to reduce food portion
      sizes.", "CHICA NOTES";
65   endif;
66   If (Box3=true) then
67     CALL storeObs With "Obesity_Advice", "Drinks/Snacks";
68     CALL storeNote With "I advised the family to choose healthy
      drinks and snacks.", "CHICA NOTES";
69   endif;
70   If (Box4=true) then
71     CALL storeObs With "Obesity_Advice", "Screen Time";
72     CALL storeNote With "I advised the family to limit TV/Video time
      to 2 hrs/d.", "CHICA NOTES";
73   endif;
74   If (Box5=true) then
75     CALL storeObs With "Obesity_Advice", "Follow up 2-4months";
```

Rule Library includes over: 300 MLMS, 923 text files; 170 observations (StorObs)

Islands of Mapped Knowledge

